

■ 7-pin SATA DOM SJ3



The 7-pin SATA DOM SJ3 is one of many solutions for embedded and industrial system solid state storage that Super Talent offers. Systems that require a smaller form factor SSD can take advantage of the 7-pin SATA DOM SJ3 transfer speeds for important applications that require read speeds up to 550MB/s and write speeds up to 510MB/s.

These devices have excellent resistance to shock, vibration, dust, temperature extremes and other environmental hazards and are widely used in aerospace, casino, and medical industries.

FEATURES

- pSLC NAND flash technology
- Design with hardware LDPC ECC_engine
- Built-in Pin 8 power supply

Specifications

Capacity	16GB-128GB
Interface	SATA-III
NAND Flash	pSLC
Form Factor	SATA DOM
Dimensions	30.0 x18.0 x 15.0 mm
Power Supply	5V ± 5%
Performance(MB/sec)	550/510

Ordering Information

Capacity	I-temp	C-temp
16GB	FDV016JPRM	FDC016JPRM
32GB	FDV032JPRM	FDC032JPRM
64GB	FDV064JPRM	FDC064JPRM
128GB	FDV128JPRM	FDC128JPRM

Environmental Specifications

Operating Shock	1500G (duration : 5ms)
Operating Vibration	20G (7Hz~2KHz)
Operating Humidity	10% to 95%
Operating Temperature C-temp	0°C to 70°C
Operating Temperature I-temp	-40°C to 85°C